

Proposed Transportation Work Program Project
Proposed by: Sarath Joshua

1. Title: Traffic Signal Optimization Program
2. Brief Description: The goal of this program is to provide technical assistance to MAG member agencies in improving traffic signal operations in their jurisdictions. A range of projects would be undertaken in this program based on the MAG member agency needs identified. This program, previously funded at \$300,000 in CMAQ, completed 11 projects for seven MAG member agencies. All of the funds were expended with all projects completed within the allocated budget. This program has received many compliments from member agencies. **Due to its success MAG ITS Committee has recommended that the TSOP program be renewed at a higher level of funding.** It is anticipated that the requested amount of funding (\$500,000) would lead to a minimum of 20 projects that would benefit MAG member agencies.
3. How the project fits with MAG's mission: All of the projects launched through this program would lead to direct improvements to the overall transportation system performance by reducing vehicle delay and reducing emissions.
4. Resources Required: \$ 500,000. The work will be carried by local consultants on the MAG ITS/Traffic Engineering on-call consultant list. All projects will be completed within one-year.
5. Expected Outcome: Improved traffic operations in the MAG region.
6. Benefit to MAG Member Agencies: Improved performance of traffic signal operations, hence better return on investment. Reduced congestion, reduced crashes.
7. Benefit to the Public: Time savings due to reduced delays at traffic signals. Indirect societal benefits due to reduced crashes related to congestion. Positive impact on public health due to air quality improvements.